HORSE GULCH QUADRANGLE UNITED STATES OPEN FILE REPORT 79-882 COLORADO-MOFFAT CO. DEPARTMENT OF THE INTERIOR PLATE 22 OF 65 7.5 MINUTE SERIES (TOPOGRAPHIC) GEOLOGICAL SURVEY NE/4 AXIAL 15' QUADRANGLE 107°52′30″ 40°30′ EXPLANATION NON-FEDERAL COAL LAND - Land for which the Federal Government does not own the coal rights. 11 10 12 ISOPACH - Showing thickness of coal, in feet. Arrow points toward area where coal bed is 5 feet or more thick. COAL BED SYMBOL AND NAME - Coal bed identified by bracketed numbers is not formally named, but is numbered for identification purposes in this quadrangle only. RB R(50%) 0.62 0.31 (Measured) 0.13 0.06 (Indicated) (Inferred) IDENTIFIED COAL RESOURCES - Showing totals for Reserve Base (RB) and Reserves (R), in millions of short tons, for each section or part of section of non-leased Federal coal land, beyond the stripping-limit line. Reserve (R) tonnage is calculated by multiplying the Reserve Base (RB) tonnage by the appropriate recovery factor. Dash indicates no resource in that category. 15 18 17 14 13 17 18 27'30"---27'30" 21 22 23 24 19 20 19 3/4-mile radius Indicated resources (I) 30 29 28 27 26 29 30 PB R(50%) 1.10 0.55 2.51 1.25 RB R(50%) 0.62 0.31 0.13 0.06 Inferred 31 32 resources (Inf) 33 34 32 35 T. 6 N. T. 5 N. T. 5 N. 2 BOUNDARY LINES - Enclosing areas of measured (M), indicated (I), and inferred (Inf) coal resources. To convert short tons to metric tons, multiply short tons by 0.9072. To convert feet to meters, multiply feet by 0.3048. To convert miles to kilometers, multiply miles by 1.6093. 9 10 11 12 18 17 16 15 14 13 17 20 19 22 23 24 19 40°22'30" 47'30" Compiled in 1979 R. 93 W. R. 92 W Base from U.S. Geological Survey, 1966 SCALE 1:24 000 1 KILOMETER This report has not been edited for conformity with U.S. Geological Survey editorial standards or COLORADO stratigraphic nomenclature.

> COAL RESOURCE OCCURRENCE MAP OF THE HORSE GULCH QUADRANGLE, MOFFAT COUNTY, COLORADO BY DAMES & MOORE 1979

UTM GRID AND 1966 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

PLATE 22

AREAL DISTRIBUTION AND IDENTIFIED RESOURCES MAP OF THE MIDDLE COAL GROUP, COAL BED [18]